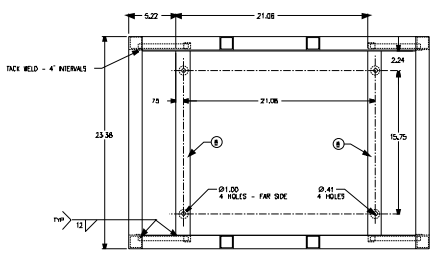
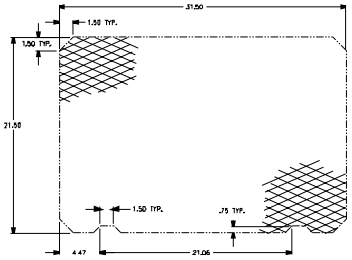
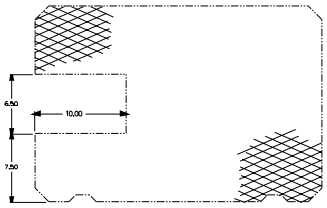
PCS NO	DESCRIPTION	QTY	MATERIAL	SPEC.	DWG/IDENT NO
1	3/4 FLATTENED EXP. METAL - .070 THK	1	ALUMINUM	5052-H34	SEE DETAIL
2	3/4 FLATTENED EXP. METAL - .070 THK	1	ALUMINUM	5052-H34	SEE DETAIL
3	1 1/2 SQ TUBE - .125 WALL - 23.58 LG	4	ALUMINUM	6063-T52	-
4	1 1/2 SQ TUBE-.125 WALL - 30.00 LG	4	ALUMINUM	6063-T52	-
5	1 1/2 SQ TUBE - .125 WALL - 10.00 LG	2	ALUMINUM	6063-T52	-
6	1 1/2 SQ TUBE-.125 WALL - 12.00 LG	2	ALUMINUM	6063-T52	-
7	1 1/2 SQ TUBE-.125 WALL - 21.50 LG	4	ALUMINUM	6063-T52	-
8	1 1/2 SQ TUBE - .125 WALL - 20.38 LG	2	ALUMINUM	6063-T52	-
9	1 1/2 SQ TUBE-.125 WALL - 20.00 LG	1	ALUMINUM	6063-T52	-
10	1 1/2 SQ TUBE-.125 WALL - 8.50 LG	2	ALUMINUM	6063-T52	-
11	1/2 " ROUND	4	ALUMINUM	5086-H111	SEE DETAIL
12	3/4 " OOK 0.83 WALL TUBE - .75 LG	4	ALUMINUM	6061-T6	-

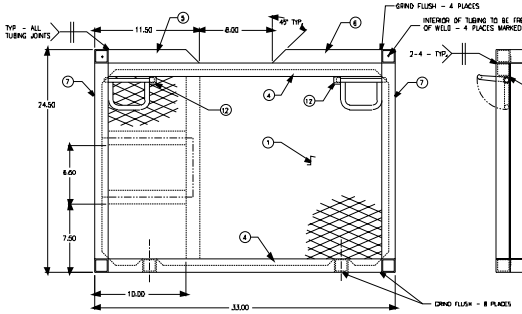


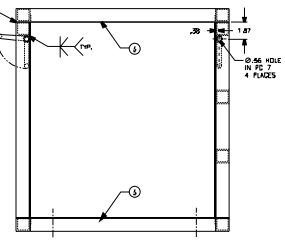


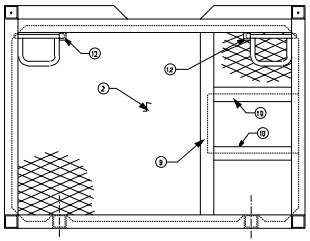
DETAIL - PC 1

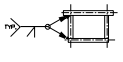


DETAIL - PC 2
SAME AS PC 1 EXCEPT AS SHOWN

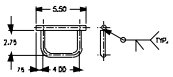








OPTIONAL CONSTRUCTION - PC 11



DETAIL - PC 11

ALL WELDS SHALL:

1. BE PERFORMED BY WELDER(S) AND USING PROCEDURES CERTIFICATED AS QUALIFIED PER MIL-STD-248 AND MIL-STD-1688A SECTION 4.
2. MEET THE WELDING REQUIREMENTS OF MIL-STD-1688A SECTION 13.
3. ADHERE TO THE WORKMANSHIP REQUIREMENTS OF MIL-STD-1689A, SECTION 14.

REV	DATE	APPR	DESCRIPTION	BY
B	03/10/93	*	ADDED NOTES - "INTERIOR SURFACE - 4 PLACES" "GRIND SURFACE - 8 PLACES" "INTERIOR OF TUBING ---" CLARIFIES WELDING AGAINST OPTIONAL CONST - PC 11	DAE
A	09/16/92	*	WELDS R/W MIL 171 588	DAE

CONTRACT NUMBER DTCG23-91-C-EC1067

TOLERANCES UNLESS OTHERWISE SPECIFIED:
.X ±10° .XXX ±.005"
.XX ±.015" .XXXX ±.0005"
ANGLES 5°
RADII .03"
FINISH 125 RMS

DICHROMA, INCORPORATED
ALEXANDRIA, VIRGINIA
(703) 921-1440

CONSULTANTS

U. S. COAST GUARD
CIVIL ENGINEERING
WASHINGTON, DC

USCG. COMDT G-SEC-2
2100 2ND STREET SW
WASHINGTON, DC 20593-0001

ISSUE		
01	06/01/01	LV
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 236
CAD FILE NAME: 2171541D01
DESIGNED BY: DAE
DRAWN BY: DAE
EDITED BY: LV
CHECKED BY: LWB

SCALE: 1/4"=1'-0" PLOT SCALE:

SHEET TITLE
AIR COMPRESSOR
G-SEC-2C
WASHINGTON DC

ENCLOSURE - WELDMENT

REVIEWED BY	REVIEWED BY:	REVIEWED BY:
JM		
PROJECT ENG	BRANCH CHIEF	G-SEC-2

CHIEF, CIVIL ENG — DATE 07/01/92

PROJECT NUMBER	DRAWING NUMBER
98-	171 541
DISCIPLINE/SHT NO	SHEET 1 OF 1